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Rural District of Southam.

ANNUAL REPORT

OF THE

HEALTH OF THE DISTRICT

FOR THE YEAR 1947,

BY

H. GIBBONS WARD, M.D., D.P.H.,

MEDICAL OFFICER OF HEALTH

OF THE

Warwickshire Combined Districts.

Leamington Spa:

A. TOMES LTD., PRINTERS, 46, BEDFORD STREET.

1948.

1, Milverton Hill,
Leamington Spa.
July, 1948.

To the Southam Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

Herewith the Report for 1947, this is the 29th Annual Report I have presented to you.

As in the past few years this Report is restricted to a statement of facts, but a more extended report is given by the Sanitary Inspector.

Kindness has been extended to me by members of the Council and my colleagues, for which I am most grateful.

I am, Ladies and Gentlemen,

Your obedient Servant,

H. GIBBONS WARD,
Medical Officer of Health.

Southam Rural District.

A. Extracts from Vital Statistics of the Year.

Population (estimated) Mid-year, 1947		11,380
Birth Rate		22.1
Still Births—Rate per 1,000 total births		23
Death Rate		11.5
Deaths from Diseases and Accidents of Pregnancy and Child-birth	From Sepsis ...	—
	,, other causes	1
Death Rate of Infants under 1 year of age :—		
All Infants per 1,000 live births		48
Legitimate Infants per 1,000 legitimate live births		50
Illegitimate Infants per 1,000 illegitimate live births		—
Deaths from Measles (all ages)		—
,, ,, Whooping Cough (all ages)		1
,, ,, Diarrhoea (under 2 years of age) ...		1

The estimated population shows an increase of 400 since 1945.

The Infant Mortality is worse than in 1946 and than the 1947 figures for England and Wales viz. 41.

The figures for Birth and Death Rates are better than those for the whole country.

B. GENERAL PROVISION OF HEALTH SERVICES IN THE DISTRICT.

1. (*a*) *Public Health Officers.*

Surveyor and Sanitary Inspector.

H. L. Welch, A.R.San.I., M.I.M. and Cy.E.

S. C. Whitehead, A.M.I.S.E. Commenced October, 1947.

2. (*a*) *Laboratory Facilities.*—Bacteriological exminations by Birmingham University :—

	Positive.	Negative.	Total.
Diphtheria	1	5	6
Enteric Fever	—	—	—
Tuberculosis	1	—	1
			7

C. SANITARY CIRCUMSTANCES OF THE DISTRICT.

1.—(i) Water Supply.

Southam and Long Itchington.—There are now 499 connections to Southam and Long Itchington Water Supply, 295 and 204 respectively.

Since the inauguration from the Rugby supply, there has been no shortage of water.

Stockton.—This scheme has now been completed, and quite a number of houses have been connected to the mains.

Fenny Compton.—A scheme is being prepared to augment the present supply including the purchase of the existing undertaking.

Shotteswell, Ratley and Warmington.—Schemes are being prepared for a pipe supply to augment the existing supply.

Priors Marston and Priors Hardwick.—These villages have now been connected to the Rugby supply to augment the existing supplies.

Northend and Knightcote.—These have also been connected with the Rugby Supply.

Harbury, Bishops Itchington, Napton, Ladbroke and Gaydon.—This scheme has proved of the greatest value since its completion.

Lighthorne, Ufton and Shuckburgh.—Schemes have been approved to connect these villages to the Public Supply.

1. Whether the supply has been satisfactory (*a*) in quality, (*b*) in quantity.

(*a*) Yes. (*b*) Not during the drought period in some villages.

2. Where a piped supply, whether bacteriological examinations were made for (*a*) raw water, (*b*) treated water.

Samples were taken and proved satisfactory.

The results of any chemical analysis.
Satisfactory.

3. Any action taken for contamination.
The water from the Holywell, Southam is chlorinated at source.

4. Particulars of proportion of dwelling houses and proportion of population supplied by public water mains. (*a*) direct to houses, (*b*) by means of stand pipes.

Approx. proportion of houses and population :—

	Houses & population.	*Stand pipes*	*Public Wells & Springs.*	*Private Wells*
Avon Dassett (Private Company)	20%	70%	—	10%
Bishops Itchington	40%	—	50%	10%
Burton Dassett	40%	50%	—	10%
Fenny Compton (Private Company)	50%	45%	—	5%
Gaydon	75%	—	20%	5%
Harbury	90%	—	—	10%
Ladbroke	75%	—	—	25%
Long Itchington	80	—	—	20%
Napton	65%	—	30%	5%
Priors Hardwick	75%	20%	—	5%
Priors Marston	80%	15%	—	5%
Radway	80%	20%	—	—
Southam	95%	—	—	5%
Stockton	50%	—	45%	5%
Warmington (Private Company)	20%	70%	—	10%

Public Cleansing.—A new " Karrier "Refuse Lorry was delivered and commenced work of refuse collection in May at Harbury, Fenny Compton, Southam, Long Itchington and Napton

Another similar vehicle is on order, delivery is expected about July, 1948, when it is hoped to collect refuse from other villages.

(iii) *Sanitary Inspection of Area.*—Table I. gives a summary of inspections.

D. HOUSING.

Full particulars of the usual Table have been compiled and are being kept for Record purposes.

3. *Overcrowding.*—Overcrowding continues in the District. Action is difficult, if not impossible.

Rural Housing Survey Report.

629 houses have been inspected during the year. Total from November, 1945, to 31st December, 1947—2,091.

These have been placed in the following categories :—

No. 1.	No. 2.	No. 3.	No. 4.	No. 5.
231	695	729	1	428

also three caravans and four temporary dwellings.

Building Licences :—

Granted	373
Refused	3

E. INSPECTION AND SUPERVISION OF FOOD.

Milk and Dairies.—The number on the Register is 348.

Milk (Special Designations) Orders, 1936 *and* 1938.—The County Council are the Licensing Authority.

Number licensed to produce T.T. Milk	20
,, ,, ,, ,, Accredited Milk ...	16

The standard of cleanliness continues to improve ; steam sterilisation is insisted upon.

F. PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASE.

Incidence of Commoner Infectious Diseases since 1940.

	Smallpox.	Diphtheria.	Scarlet Fever.	Enteric Fever.	Pneumonia.	Encephalitis Lethargica.	Puerperal Pyrexia.
1941 ...	—	22	12	1	18	—	2
1942 ...	—	2	10	—	14	—	—
1943 ...	—	1	11	—	12	—	—
1944 ...	—	—	21	—	11	—	—
1945 ...	—	2	3	—	5	—	—
1946 ...	—	1	2	—	13	—	1
1947 ...	—	3	12	1	3	—	—

Reference to Table III. will give the age distribution of the cases notified during 1947.

Diphtheria.—3 cases were notified, one had been immunised.

Diphtheria Immunisation.—The scheme for the immunisation of School Children continued during the year, and at the 31st December, 1947, 2,492 schoolchildren had been treated, also 1,222 under 5 years of age, giving a total of 3,714.

Cases of Infectious Disease were removed by arrangement with the Warwick Joint Hospital Board to their Hospitals.

PREVALENCE OF, AND CONTROL OVER, TUBERCULOSIS.

	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
AGE—PERIODS	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	1	—	—	—	—	—	—	—
5	—	1	1	—	—	—	1	—
15	5	1	—	—	—	1	—	—
25	3	2	—	—	1	1	—	—
35	1	1	—	—	1	—	—	—
45	1	—	—	—	1	—	—	—
55	—	—	—	—	—	—	—	—
65 and upwards ...	—	1	—	—	—	1	—	—
	—	—	—	—	—	—	—	—
TOTALS ...	11	6	1	—	3	3	1	—
	—	—	—	—	—	—	—	—

PREVALENCE OF, AND CONTROL OVER TUBERCULOSIS.

Tuberculosis.—The following table shows the notified cases and death, during the past 20 years :—

	1928	1929	1930	1931	1932	1933	1934
Cases ...	13	7	19	18	28	17	19
Deaths ...	5	10	8	5	6	5	9

	1935	1936	1037	1938	1939	1940	1941
Cases ...	16	14	15	19	12	6	14
Deaths...	7	3	4	6	7	8	3

	1942	1943	1944	1945	1946	1947
Cases ...	15	9	14	10	11	18
Deaths ...	3	7	4	7	6	7

It will be noted from the above figures that the number of cases was above the average for the past 20 years, and the number of deaths about the average.

4 patients were admitted to Sanatorium during 1947. 1 was discharged.

REPORT OF SANITARY INSPECTOR.

To the Southam Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

I beg to submit my annual report for work done in the Sanitary department during the year ending 31st December, 1947.

Dairies and Cowsheds.

Number on Register	348
Number of T.T. Licences	20
Number of Accredited Licences	16

Scavenging.

Harbury ...	Nightsoil	39	lorry loads.		120	cart loads
	Ashes	70	,,	,,	100	,, ,,
	Tins	8	,,	,,	25	,, ,,
Southam ...	Nightsoil	34	,,	,,	69	,, ,,
	Ashes	12	,,	,,	624	,, ,,
	Tins	14	,,	,,		
Stockton ...	Nightsoil	—			104	,, ,,
	Ashes	50	,,	,,		
	Tins	15	,,	,,		
Fenny Compton	Nightsoil	48	,,	,,	12	,, ,,
	Ashes / Tins	48	,,	,,		,, ,,
Long Itchington	Nightsoil	79	,,	,,	68	,, ,,
	Ashes				450	,, ,,
	Tins	12	,,	,,		
Napton ...	Ashes	45	,,	,,		
Ufton ...	Tins	5	,,	,,		

Tins, etc., are collected quarterly in all other parishes.

Infectious Disease.

Number of Notifications	25
Number of Patients taken to Hospital ...	11
Number of Disinfections	24

Slaughter Houses.
Number on Register 14

Meat, Fish, Canned Foods, etc.
Number of Inspections 11

Factories and Workshops.
Number on Register (with power) 29
do. (without power) ... 17

Water Analysis.
Number of Samples taken 15

Public Drainage.

Sewers have been repaired at Harbury, Lighthorne, Priors Marston, Southam, Long Itchington, Ufton, Radway, Shotteswell, Napton, Bishops Itchington, Burton Dassett, Gaydon and Warmington.

Schemes have been prepared for Sewerage and Disposal works in the parishes of Harbury, Bishops Itchington, Napton, Stockton, Burton Dassett, Gaydon and Long Itchington.

Sewer ditches and Tanks in various Parishes were cleaned as requested.

Building Bye-Laws.
Plans have been received for the following :—

Avon Dassett ... Garage.
6 Pairs Semi-detached Cottages.
Alterations to existing Cottage.
Conversion of R.C. school into Dwelling House.
Alterations to Drive Cottage.
,, ,, Farm House.
,, ,, Gate Lodge.

Bishops Itchington School Servery Scullery.
Alterations to Cottage.
Extension to Cottage.
Garage.
Extension to Cottage.
Bungalow.

Burton Dassett ... Renovations and Repairs to two Cottages.
15in. Surface Water Drains—Schools.

Farnborough ...	Conversion of Cowshed into Dairy Tomato House. Temporary Garages, 4 and 5, Council Houses.
Fenny Compton ...	Implement Shed. Temporary Garage. Alterations to "Victoria Arms." Temporary Nissen Hut—Club Room.
Gaydon	Provision of Sewage disposal for W.C. Alterations to Cottage.
Harbury	Extension to Working Man's Club. Sanitary accommodation—Dance Hall. Cattle Shed. Bungalow. Nag Stables Conversion into dwelling. Prefab. bungalow.
Ladbroke	Alterations and addition to house. Bathroom and sewage disposal. Joiners Shop. Wooden Bungalow. Agricultural Cottage. Implement Shed.
Long Itchington. ...	House. Petrol Pumps (6). New Wall and Gates. House. Temporary Sectional Workshop. Alterations to two Cottages. Private Garage. Green houses. Bungalow. Alterations to Lavatories. Dutch barn. Pigsty. Dutch barn. Cow house.
Lower Shuckburgh ...	New Cowshed.
Napton	Farm buildings. New Dairy. Cow House. Pair of new Wash-houses.

Priors Hardwick ...	Garage. Garage.
Priors Marston ...	Dutch Barn and Portable Roof. Garage. Garage. Gate to Road. Additional Bedroom to Bungalow. Three Agricultural Cottages. Additions to Cowsheds.
Ratley	New Cowhouse. Petrol Pump. Summer House. Vehicle Shed (Lean-to).
Shotteswell	Bathroom, W.C. and Drainage.
Southam	Bungalow. Central Kitchen, etc. Sectional Shed. Bungalow. Site for Primary School. Site for Senior School. Private House—Detached. Extensions to Laboratory. Extension to Kitchen and Bathroom. Improvements to Cloakroom and Lavatories. Garage.
Stockton	Alterations to House and Extension. Workshed. Construction of means of access for Pedestrians. Extension to House. Portable Workshop.
Warmington	Dwelling house.
Wormleighton ...	Extensions to transmitting building.

LEGAL PROCEEDINGS.

None taken.

I am, Ladies and Gentlemen,

Your obedient servant,

H. L. WELCH, A.R.San.I., M.I.M. and C.E.

TABLE I.

SOUTHAM RURAL DISTRICT.

SUMMARY OF THE WORK DONE IN THE SANITARY INSPECTOR'S DEPARTMENT DURING THE YEAR 1947.

	Inspections and Observations made.	Notices served. Statutory.	Notices served. Informal.	Nuisances Abated after Notice.
Dwelling Houses and Schools ...	298	—	127	120
Dairies, Milkshops and Cowsheds	287	—	10	9
Bakehouses	14	—	1	1
Slaughterhouses (now closed) ...	13	—	—	—
Canal Boats	—	—	—	—
Ashpits and Privies	320	—	13	13
Deposits of Refuse and Manure ...	19	—	1	1
Water Closets	62	—	4	4
House Drainage	145	—	23	23
Water Supply	139	—	6	6
Pigsties	10	—	—	—
Animals improperly kept	4	—	1	1
Offensive Trades	—	—	—	—
Smoke Nuisances	1	—	1	1
Factories and Workshops ...	33	—	3	2
Other Nuisances	4	—	4	4
Food Shops	25	—	—	—
	1,374	—	194	185

PRECAUTIONS AGAINST INFECTIOUS DISEASE.

Lots of infected bedding, etc., disinfected or destroyed ...	1
Houses disinfected after infectious diseases	24
Schools disinfected after infectious diseases	—

H. L. WELCH, Sanitary Inspector.

TABLE II.

SOUTHAM RURAL DISTRICT.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1947 AND PREVIOUS YEARS.

Year.	Population estimated to Middle of each Year.	Birtbs. Nett.		Nett Deaths belonging to the District. Under 1 Year of age.		At all Ages.	
		Number.	Rate.	Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8
1941	13,110	193	14.7	10	50	200	15.2
1942	12,740	228	18.5	8	35	145	11.7
1943	11,940	196	17.1	8	41	156	13.0
1944	11,350	231	20.7	6	26	147	13.1
1945	10,980	212	19.3	11	52	154	14.0
1946	11,030	200	18.2	8	40	147	13.3
1947	11,380	252	22.1	12	48	131	11.5

VITAL STATISTICS IN ENGLAND AND WALES, 1947.

ENGLAND AND WALES.

Birth-rate, Death-rate, and Infantile Mortality during the Year 1947. (*Provisional Figures*).

Annual Rate per 1,000 Population.

	Live Births	Still Births.	Deaths.	Deaths under one year to 1,000 Births.
England and Wales	20.5	0.50	12.0	41
126 Great Towns, including London	23.3	0.62	13.0	47
148 Smaller Towns	22.2	0.54	11.9	36
London	22.7	0.49	12.8	37

Table III.

SOUTHAM RURAL DISTRICT.

Cases of Infectious Disease notified during the Year 1947.

Notifiable Disease.	Number of Cases notified.								Total cases removed to Hospital	Total Deaths.
	At all Ages.	At Ages—Years.								
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.		
Small-pox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria (including Membranous Croup)	3	.....	.....	2	1	.....	.....	.....	3	.....
Erysipelas	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scarlet Fever	12	.....	3	9	.....	.....	.....	.....	8	.....
Typhus Fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enteric Fever	1	.....	.....	.....	1	.....	.....	.....	.....	.....
Pneumonia	3	.....	1	.....	2	.....	.....	.....	.....	9
Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dysentery	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Puerperal Pyrexia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cerebro-spinal Meningitis ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Poliomyelitis	2	.....	.....	2	.....	.....	.....	.....	.....	.....
Encephalitis Lethargica ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ophthalmia Neonatorum ...	1	1	.....	.....	.....	.....	.....	.....	.....	.....
Polio-Encephalitis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pulmonary Tuberculosis ...	17	.....	1	1	6	7	2	.....	.....	6
Other forms of Tuberculosis ...	1	.....	1	.....	.....	.....	.....	.....	.....	1
Totals	40	1	6	14	10	7	2	—	11	16

Table IV.

SOUTHAM RURAL DISTRICT.

Causes of Death during the Year 1947.

CAUSES OF DEATH.	MALES.	FEMALES.
All Causes	69	62
1 Typhoid and Paratyphoid Fevers ...	—	—
2 Cerebro Spinal Fever	—	—
3 Scarlet Fever	—	—
4 Whooping Cough	1	—
5 Diphtheria	—	—
6 Tuberculosis of Respiratory System ...	3	2
7 Other Forms of Tuberculosis	—	1
8 Syphilitic Diseases	—	—
9 Influenza	—	—
10 Measles	—	—
11 Ac. Polio-Myel and Polio-Enceph. ...	—	—
12 Ac. Infant Enceph.	—	—
13 Cancer of B. Cav. and Oesoph (M.) Uterus (F.)	1	1
14 Cancer of Stomach and Duod.	3	—
15 Cancer of Breast	—	5
16 Cancer, other Sites	4	6
17 Diabetes	—	—
18 Intra Cran. Vasc. Lesions...	4	5
19 Heart Disease	13	19
20 Other Dis. Circ. Sys.	3	—
21 Bronchitis	7	1
22 Pneumonia	4	5
23 Other Resp. Diseases	1	1
24 Ulcer of Stomach and Duod.	1	—
25 Diarrhoea (under 2 years)...	1	—
26 Appendicitis	—	—
27 Other Digestive Diseases	1	—
28 Nephritis	2	1
29 Puer. and Post Abort Sepsis	—	—
30 Other Maternal Causes	—	1
31 Premature Birth	3	3
32 Con. Mal., Birth Inj., etc....	2	3
33 Suicide	—	—
34 Road Traffic Accidents	3	—
35 Other Violent Causes	3	4
36 All Other Causes	9	4